ABSTRACT

The present invention relates to a composition comprising a sterile ophthalmic composition, which comprises one or more agents capable of inhibiting lens epithelial proliferation dissolved in a physiologically isotonic solution. The present invention also relates to a method of preventing capsular opacification comprising by using said composition. The method comprises the steps of: creating an incision within an eye and a capsulorhexis in a capsular bag of said eye; inserting at least a portion of cannula in said capsulorhexis; separating the natural crystalline lens from the capsular bag by injecting through a cannula a sterile ophthalmic composition in a manner that generates a space between the capsular bag and the natural crystalline lens wherein said composition comprises one or more agents capable of inhibiting lens epithelial proliferation dissolved in a physiologically isotonic solution; retaining the composition in said space between the capsule and the natural crystalline lens for a sufficient time for said composition to effectively kill or render non-proliferative lens epithelial cells in or adjacent to said space; removing the lens and said composition; inserting an implant into the capsular bag.